# **COMPACT LED HYGIENIC IOT**

GENERAL CARD





## **TECHNICAL PARAMETERS**

Ingress protection: IP20

Impact resistance: IK07

Nominal power [W]: 32.00

Luminous flux [lm]\*: 3420

Colour temperature [K] - range: 2700 - 6500

Color rendering index (Ra) >: 80

SDCM:

Energy efficiency class:

Material of the body:

ABS with the addition of silver ions (2%)

PC with the addition of

Diffuser material: silver ions (2%)

Mounting version: surface

Dimensions (H/W/T/S) [mm]: 620/620/66;

#### **CHARACTERISTICS**

Compact LED Hygienic IoT is a modified version of the proven COMPACT LED EVO model. The material composition of the diffuser and the body has been enriched with silver ions (2%). Silver ions effectively block the development of pathogens on the luminaire surface and reduce their amount (>99%) over 24 hours of contact. The effectiveness of reducing pathogens is confirmed by the BIOMASTER Certificate. The housing, especially the diffuser, has a slightly straw-colored shade due to the addition of silver ions to the plastic compared to the standard COMPACT LED EVO.

#### IoT characteristics

Variants available:

IOT BT PIR HYT DALI: Bluetooth HYT module controlled in the Lena Lighting Clue app, PIR motion and light sensor, DALI driver enabling dimming of the light source. IOT BT RCR HYT DALI: Bluetooth HYT module controlled in the Lena Lighting Clue app, RCR motion and light sensor, DALI driver enabling dimming of the light source.

#### **APPLICATION**

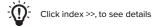
Is designed for rooms requiring special protection against pathogens, such as hospitals, patient rooms, medical clinics. The luminaire has received a certificate confirming that it is suitable for use in clean rooms with a stated air cleanliness class ISO 3 - 9 according to CLEANROOM ISO 14644-1:2015.



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#### **AVAILABLE VERSIONS**



Nominal power [W]	Colour temperature [K] - range	Luminous flux [lm]*	Version	Dimensions (H/W/T/S) [mm]	Index
32	2700 - 6500	3420	BT PIR HYT DALI	620/620/66	<u>&gt;&gt; 658846</u>

Card creation date: 22 October 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



## **Compact LED Hygienic IoT - explanation of the different versions:**

The **IoT BT PIR HYT DALI** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **PIR** motion and daylight sensor and **DALI** driver for dimming the light source.

The **IOT BT RCR HYT DALI** version has: a built-in**BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **RCR** motion and daylight sensor hidden under the shade and **DALI** driver for dimming the light source.

